

TT-61-14234

I. Hillebrand, F.

Hillebrand, Franz.
THE STABILITY OF THE SPACE VALUES IN THE
RETINA (Die Stabilität der Raumwerte Auf der
Netzhaut). [1961] [74p] 11 refs.
Order from SLA \$7.60

TT-61-14234

Trans. of Z[ed]tschr[ift] f[ür] Psychol[ogie] und
Physiol[ogie] der Sinnesorgane (Germany)
1893, v. 5, p. 1-60.

85312

(Biological Sciences--Physiology, TT, v. 12, no. 3)

Office of Technical Services

Hillebrand, Franz.

ON THE QUESTION OF MONOCULAR DIFFERENCE
IN LOCALIZATION (Zur Frage der Monokularen
Lokalisations Differenz). [1961] 14p.

Available on loan from SLA

61-10970

Partial trans. (p. 308-316) in manuscript of
Z[eitschrift] f[ür] Psychol[ogie] u[nd] Physiol[ogie] der
Sinnesorgane. Abt. 1: Zeitschrift für Psychologie
(Germany) 1910, v. 57, p. 293-316.

DESCRIPTORS: Visual perception, Tests.

(Unannounced)

61-10970

1. Hillebrand, F.

Office of Technical Services

Hillebrand, Franz.

THEORY OF THE APPARENT MAGNITUDE IN BIN-
OCULAR VISION (Theorie der Scheinbaren Grosse
bei Binokularem Sehen). [1961] 121p. (14 figs.
omitted). Trans. no. 172.
Available on loan from SLA

61-10942

Trans. in manuscript of Akademie Der Wissenschaften,
Vienna. Mathematisch-Naturwissenschaftliche
Klasse. Denkschriften (Austria) 1902, v. 72,
p. 255-307.

DESCRIPTORS: *Optical images, Theory, *Visual
perception, Measurement, *Visuality acuity, Tests,
Vision.

(Unannounced)

61-10942

I. Hillebrand, F.
II. Trans-172

Office of Technical Services

Hillebrand, Franziska.

THE THEORY OF VISUAL PERCEPTIONS. Based on
notes left by Franz Hillebrand. [327p].
Order from SLA \$19.75

TT-61-14236

Trans. of mono. Lehre von den Gesichtsempfindungen,
Vienna, 1929.

(Biological Sciences--Physiology, TT, v. 12, no. 6)

TT-61-14236

I. Hillebrand, F.

Office of Technical Services

The ¹ Routine Testing of Antiphlogistic Substances
by the Rat's Paw Method, by J. Hillebrecht, 35 pp.

GERMAN, per, Aus dem Anatomischen Institut der
Medizinischen Akademie, 1954, pp 607-614.

SLA 58-360

Sci

Aug 59

93,641

On the Lateral Syndrome of the Medulla and
the Vascular Supply of the Upper Medulla, by
Ch. Foix, P. Hilleman, I. Schalit, 32 pp.

FRENCH, per, Revue Neurologique, Vol I, No 2,
1925, pp 160-179.

WII 3-94

Sci - Med

Apr 59

85, 432

Regional Lymph Node Reaction in Therapeutic
Radium-Roentgen Irradiation for Carcinoma of the
Cervix, by Hans-Guenther Hillemanns, 74 pp.

GERMAN, per, Z für Geburtshilfe, Vol XIV, No 2,
1957, pp 156-196.

Navy Tr 3177/RMS 713

Sci - Med

Jul. 62

204,805

Hillemanns, M.
THE FUNCTIONAL ASYMMETRY OF THE EYES,
THE PREDOMINANCE OF ONE EYE, AND THE
BINOCULAR LOCALIZATION OF DIRECTION, PT. 2
(Die Funktionelle Asymmetrie der Augen , die
Vorherrschaft eines Deraelben und die Binokulare
Richtungslokalisierung). 38p 35refs.
Order from SLA \$3.60

TT-61-14235

Trans. of Klin[ische] Monatsbl[ätter] f[ür]
Augen[heilkunde] (Germany) 1927, v. 79, p. 17-42.

(Biological Sciences--Physiology, TT, v. 12, no. 7)

TT-61-14235

I. Hillemanns, M.

4483

Office of Technical Services

Hillemanns, M.
FUNCTIONAL ASYMMETRY OF THE EYES, THE
PREDOMINANCE OF ONE EYE AND BINOCULAR
LOCALIZATION OF DIRECTION (Die Funktionelle
Asymmetrie der Augen, die Vorherrschaft Eines
Derselben und die Binokulare Richtungslokalisation).
[1961] 33p. 4 refs.

Available on loan from SLA

61-14739

Trans. of Klin[ische] Monatsblätter] ([ür]
Augenh[ei]lk[unde] (Germany) 1927, v. 78, p.
p. 737-761.

DESCRIPTORS: *Eye, Physiology, *Optics, *Visual
acuity, Test methods, *Visual perception, Visibility,
Experimental data.

(Unannounced)

61-14739

1. Hillemanns, M.

Office of Technical Services

VOGEL, R.
HILLEN, F.

Archiv Eisenhüttenwesen, vol. 15, No. 12, 3 figures,
1250-word abstract; 1942.

The Constitution Diagram Iron-Iron Sulphide-
Aluminum Sulphide-Aluminum.

Brutcher Trans, Order No. 1677, \$1.90.

A-4115

Determination of Tracking Resistance of Organic
Insulating Materials, by K. Michel, H. E.
Hillenbrand, 30 pp.

FRANCE, par, Bulletin de l'Association Suisse
des Electriciens, No 13, 1959.

FDD I-4117

Sol - Engle

Royer and Roger, Inc

Feb 60

108,786

HILLER, E., ZIMMERT, F., and FRESE, G.
A CONTRIBUTION TO THE QUANTITATIVE DETER-
MINATION OF AMINO ACIDS BY PAPER CHROMA-
TOGRAPHY (Ein Beitrag zur Quantitativen Bestimmung
von Aminosäuren in Papierchromatogrammen). [1963]
[13p] (figs omitted) 7 refs
Order from SLA \$1.60

TT-64-10291

Trans. of Biochemische Zeitschrift (West Germany)
1962, v. 323 [no. 4] p. 243-250.

TT-64-10291

I. Hiller, E.
II. Zimmert, F.
III. Frese, G.

106582

(Biological Sciences--Biochemistry, TT, v. 11, no. 11)

Office of Technical Services

Relationships Between Degenerative Changes of
the Central Nervous System and Its Fat and Ester
Splitting Enzyme Content; Also the Detection
of the Enzyme and Lipoid Metabolic Products
From Nerve Tissue in the Cerebrospinal Fluid,
by Friedrich Hiller, 43 pp.

GERMAN, per, Zeitschrift fur die Gesamte Neur
u Psych, Vol CIX, 1927, pp 263-311.

WIE 5-25

Sci - Med

Jan 59

88,223

Are We Using the Information Explosion
Correctly? by G. H. Miller. 71
GERMAN, per, Chemiker Zeitung, Vol LXXXVIII,
No 5, 1964, pp 155-159.
Chem Trans Sv No 2834

G. H. Miller

Sci-Chem
Mar 67

320,904

Moulded Structural Steel for Pressure Casting
Tools and Moulds, by H. Hiller.

GERMAN, per, Giesserei, 14 Mar 1967, PP 182-183.

SICI 1842

Sci - Engr

Mar 61

141,402

On the Question of Damping the Aerodynamic
Force in Vane Vibration, by H. Hiller, 18 pp.

GERMAN, per, Maschinenbautechnik, No 10,
Oct 1962, pp 536-541. 9683132

FTD-TT-63-288

Sci-Engr
Jun 63

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Hiller, H.
MOULDED STRUCTURAL STEEL FOR PRESSURE
CASTING TOOLS AND Moulds. [1960].
Order from BISI: 5 10s BISI-1842

Trans. of Giesserei (West Germany) 1957 [v. 44]
14 Mar, p. 141-149.

61-12273

1. Steel castings--Materials
2. Molding materials--
Development
1. Hiller, H.
- II. BISI-1842
- III. British Iron and Steel
Industry Translation
Service

Office of Technical Services

(Machinery--Manufacturing, TT, v. 5, no. 4)

Hot Work Tool Steels, by H. M. Miller. UNCL

GERMAN, per, Stahl u Eisen, 19 Nov 1953,
pp 1565-1574.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,196

New Experiences with Die-Cast Mold Steels,
by H. M. Miller, 36pp.
CHENAIL, per, Glasserei, Vol 10, No 1, 1953,
pp 16-21.
CPSTI TT-64-18929.

H M Miller

322,571

Sci - Metallurgy
Apr 57

76
Comparison of Performance of American and
German Die Steels, by H. Hecht, H. H. Hiller.
GERMAN, pow. ~~Werkstofftechnik~~, Vol 49,
1959, pp 645-648.
MLL Ref: 9022.4 (68/52)

H.M. HILLER

Sol-Int
Jan 69

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New Experiment with Dia-Cent Solid Stools,
by H. H. Miller, 36pp.
(HHS), par, ~~Dissemination~~, Vol 10, No 1, 1953,
pp 16-17.
ORRAT 11-6-13579.

H. H. Miller

300,071

Doc - Photocopy
Apr 61

Clinical Chemistry and Therapeutics of a New
Triple Sulfonamide, by H. Kahlert, J. Hiller, 6p.
GERMAN, per, die Medizinische Welt, No 33/34,
1956, pp 1143-1145.
SLA TT-65-18216

J. Hiller

Sci-BM
Jul 66

307,604

Concerning Certain Reactions of Ethylenimine
II. Reaction of Ethylenimine With Furfural,
Benzaldehyde, and Their Derivatives, by
M. Lidak, S. Hiller, 15 pp.

LATVIAN, per, Latvijas PSR Zinatnu Akad Vestis,
No 168, 1961, PP 809-58.

CIA/FID XX-1420
No Foreign Discern

Sci - M/M
Sept 63
USDS Internal Use Only

344,046

Critical Evaluation of the influence of various ~~anesthetic~~
anesthetic agents used in animal experiments on the
histochemical picture of rat's liver, by S. Miller
H. Kedzia et al, 11 pp.

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OTS 63-11413/2
PL-480

Sci

May 64

257,304

Synthesis in the Series of Furan Containing Silico
Organic Compounds. Report 1 Reduction of Furyl-
Phenyl- and Thieryl Mercury Chlorides With Triethylsilane,
by E. Lukevits, S. Biller, 7 pp.

Latvian PGM
LATVIAN, per, Zinatn Akad Vestis, No 165, 1961,
pp 99-102.

CIA/FDD XX-1418
No Foreign Dissem

Sci - M/M
Sept 63
USIB Internal Use Only

344,044

Determination of Solubility of Nitrofurans in
Water by Means of Polarography, by J. Stradin,
S. Hiller, 12 pp.

RUSSIAN, per, Latvijas PSR Zin Akad Vestis, No 126,
1958, pp 113-130.

CIA/FID XX-1433
No Foreign Dissem

Sci - Physics
Oct 63
USIB Internal Use Only

345, 354

Syntheses in the Fields of 5-nitro-2-furyl-
Xpolyalkenals and 5-nitro-2-furyl-polyalkenones
IV. Nitration of B-2(furyl) Acrolein and
Synthesis of Certain Unsaturated Furan Aldehydes
and Ketones, by K. Venter, S. Hiller, 19 pp.

LATVIAN, per, Latvian SSR Zinatnu Akad Vestis,
No 166, 1961, pp 87-97.

CIA/FDO XI-1419
No Foreign Dissem

Sci - M/M
Sept 63
USAM Internal Use Only

344,045

Some Remarks on the Subject of the Nitration of 2-Thiaryl-
 β -Nitro-Methylene, by S. A. Miller, M. La. Boriklav, 3 pp.

RUSSIAN, part, Latvijas PSR Zinatnu Akad Vortis, No 192,
1959, pp 115-119.

CIA/FDD KIL-1427
No Foreign Dissem

Sci - Biol & Med Sci
Sept 63
USIB Internal Use Only

240,131

Synthesis of Certain New Ganglion-Blocking and
Curare-Like Substances, Starting from Tetrural,
by S. A. Hiller, Kh. M. Vasserman, 9 pp.

RUSSIAN, per, Trudy Vsesoiuzno Soveschenia,
1958, pp 393-401.

CIA/TDD XX-1425
No Foreign Dissem

Sci - Biol & Med Sci
Sept 63
USIE Internal Use Only

240,132

Synthesis of Potential Antitumor Compounds Based
on 2-Furylglyoxal and Its 5-Nitro Derivative, by
N. O. Saldabol, S. A. Hiller, 6 pp.
RUSSIAN, rpt, Sintez Potentsial-nykh Protivorakovykh
Preparatov na Osnove 2-Furilglioksalia i Ego
5-Nitroproizvodnogo, 1962, pp 186-193.
CIA/FDD XX-1521
NO FOREIGN DISSEM

Sci - Chem
Apr 64
USIB Internal Use Only

253,374

Special Features of the Solidification
and Strength Properties of Cast Iron,
by W. Hiller.
GERMAN, per, Giesserei, Vol 51, 5 Mar 1964,
pp 113-117.
BISI 4079

EE-Germany
Sci/M&M
May 65

278,797

Special Features of the Solidification and
Strength Properties of Cast Iron, by W. Hiller.
GERMAN, per, Giesserei, No 51, 1964, pp 17-113
GB 41/4079-90/-

W. Hiller

Sci -
Jul 67

334,143

Mechanics and Dynamics of Deep Earthquakes, by
Wilhelm Hüller.

GERMAN, monograph, Zur Mechanik und Dynamik der
Erdbeben (International Series on Earth Sciences),
Vol I, 1958.

Univ of Wisconsin
(MSF)

Sci - Geophys
Apr 60

113,936

Strip Method for Slabs on Columns, L-shaped
Plates etc, by A. Hillerborg.
SWEDISH, rpt, Siporex Central Laboratory,
Sodertalje, Sweden, 1964
CSIRO/No 7411

A. HILLERBORG

Sci -
Jul 67

334,803

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Diffusion of Carbon in the Different Phases
of Carbon Steel, by H. Hillert, R. D. Sharp.
STEELMET, per, Jernkont. Ann., Vol 137, Nov.,
1953, pp 785-790.
BISI 4876

M. HILLERT

Sci-Materials
Oct 66

310,490

Detection of Thyroxamine in Thyroid and Plasma,
by G. Hillmann, B. Kail, P. Taslimi, 4 pp.

GERMAN, par, Zeit fuer Naturforschung, Vol XIIIb,
No 12, 1958, pp 820, 821.

NIH 11-7

Sci. - Medicine
Dec 59

102,645

Hillmann, Günther and Elles, Anneliese.
A SIMPLIFIED RESOLUTION OF RACEMIC D,
L-GLUTAMIC ACID. [1963] 8p. 12 refs.
Order from SLA \$1.10

63-14564

Trans. of [Hoppe-Seyler's] Zeitschrift für
Physiol[ogische] Chem[ie] (West Germany) 1948,
v. 283, p. 31-34.

DESCRIPTORS: *Stereochemistry, *Amino acids,
*Glutamic acid, Racemization, Separation, Hydrogen
compounds, Chlorides, Pyrrolidinone, Carboxylic
acids, Quinine.

63-14564

I. Hillmann, G.
II. Elles, A.

1544486

(Biological Sciences--Biochemistry, TT, v. 10, no. 6)

Office of Technical Services

Preparation of Iron Single Crystals by Zone
Melting, by H. Hillman, A. Nager.

GERMAN, par, Z fuer Metallkunde, Vol LI, Nov
1960, pp 663-666.

OTS 61-18299
BISI 2146

Sci - Min/Met

150,836

May 61

62-10319

Hillmann, H[ans] and Mager, A[lfred].
[PRODUCTION OF SINGLE CRYSTALS OF IRON BY
THE ZONE -MELTING PROCESS] MEASUREMENTS
OF ORIENTATION [Erzeugung von Eiseinkristallen
Durch das Zonenschmelzverfahren] (Orientierungs-
messungen). [1961] [10]p. (foreign text included)
5 refs.
Order from SLA \$1.10

62-10319

Partial trans. (p. 664-666) of Z[schrift für]
Metallkunde] (West Germany) 1960, v. 51, no. 11,
p. 663-666.
Another partial trans. (p. 663-664) is available from
SLA \$1.60 as 61-20447 [1961] [11]p.
Complete translations are available from SLA \$1.60
as 61-18299 [1961] [16]p. and BISI 3 as BISI-2146
[1961].

(Metallurgy, TT, v. 7, no. 5)

(over)

- I. Hillmann, H.
- II. Mager, A.
- III. Title: Measurements ...

194807

Office of Technical Services

C.E. THE NATURE, SIZE AND DISTRIBUTION OF LATTICE
Trans. DEFECTS IN THE TYPE III SUPERCONDUCTOR Nb-Zr₂S
5350 AND THEIR INFLUENCE ON THE HIGH-FIELD PROP-
ERTIES
H. Hillmann and I. Pfeiffer
Zeitschrift für Metallkunde, Vol. 58,
pp. 129-135 (Feb. 1967)
(Spic Code: Z1, 8 Jan. 1971)

Single Crystals by the Zone-Melting Process
and the Production of Iron Single Crystals
by Means of Annealing in the Phase Region,
by H. Hillmann.

GERMAN, part, Z. fuer Metallkunde, Vol LIII,
No 49, 1962, pp 256-260.

AURE, Harwell
Tr-1687

EXTRACT
Sci - Phys
Sep 62

211, 531

Hillmann, Hans and Mager, Albrecht.
PRODUCTION OF SINGLE CRYSTALS OF IRON BY
THE ZONE-MELTING PROCESS [Erzeugung von
Eiseneinkristallen durch das Zonenschmelzverfahren].
[1962].

Order from K-H \$7.50

K-H 10963

Trans. of Z[eitschrift für] Metallkunde (West
Germany) 1960, v. 31, no. 11, p. 663-666.

Other translations are available from SLA \$1.60 as
61-18299 [1961] [16p] and from BISI £3 as BISI-2146
[1961]; partial translations (p. 663-664) are available
from SLA \$1.60 as 61-20447 [1961] [11p] and
(p. 664-666) from SLA as 62-10319 [1961] [10p].

DESCRIPTORS: *Iron crystals, Single crystals,
Crystals, Production, *Zone melting.

(Metallurgy, TT, v. 8, no. 5)

62-17373

- I. Hillmann, H.
- II. Mager, A.
- III. K-H-10963
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C222383

Office of Technical Services

Hillmann, H[ans] and Mager, A[lfred].
[PRODUCTION OF SINGLE CRYSTALS OF IRON BY
THE ZONE -MELTING PROCESS]: MEASUREMENTS
OF ORIENTATION [Erzeugung von Ebeinkristallen
Durch das Zonenschmelzverfahren]: (Orientierungs-
messung). [1961] [10]p. (foreign text included)
5 refs.

Order from SLA \$1.10

62-10319

Partial trans. (p. 664-666) of Z[eitschrift für]
Metallkunde] (West Germany) 1960, v. 51, no. 11,
p. 663-666.

Another partial trans. (p. 663-664) is available from
SLA \$1.60 as 61-20447 [1961] [11]p.

Complete translations are available from SLA \$1.60
as 61-18299 [1961] [16]p. and BISI-3 as BISI-2146
[1961].

(Metallurgy, TT, v. 7, no. 5)

(over)

62-10319

I. Hillmann, H.

II. Mager, A.

III. Title: Measurements ...

194867

Office of Technical Services

MOOSHAKE, R.
HILLMER, H.

Stahl und Eisen, 40 figures, 2 tables;
17,000 words; 1933.

The Technical and Economic Development of the
Mannesmann Tube Rolling Process.

Brutcher, Trans. Order No. 133, \$17.00

A- 4116

94
Studies on Continuous Chemostress Relaxa-
tion as a Method for Investigation the
Aging Resistance of Vulcanizates, by
W. Scheele, K. H. Hillmer. 4 p.
GERMANY, per, Kautschuk Gummi, Kunststoffe,
Plastomers, Elastomers, Diatomers, No 17,
1964, pp 115-
AEC SC-T-64-2005

K. H. Hillmer

Sci/MEM
May 66

300,486

TT-65-13938

Field 11J

Hillmer, K. H.
ON THE EXACT MEASUREMENT OF CROSSLINKING
ISOTHERMS BY MEANS OF THE AGFA-VULCAMETER
(Ueber die Exakte Messung von Vernetzungs-Isothermen
mit dem Agfa-Vulkameter). 9p (foreign text included)
2refs.

Order from SLA: \$1.10 as TT-65-13938

Trans. of Kautschuk und Gummi (West Germany)
v18 n2 p79-81 1965.

MR 669

Degradation of High-Elastic Polymers, by W.
Scheele and K. H. Hillmer.

GERMAN, per, Kautschuk u Gummi, Vol IX, WT,
1956, pp 82-92.

ASLIB-GB57

Sci

Aug 58

71,645

Flow
Weed Growth and Rate of ~~Flow~~, by D. Millebrand.
UNCL

GERMAN, per, Deutsch Gewasse Jahrbuch, Vol II,
1950, pp 7-19.

DSIR 34792/CT

Sai - Biol, infested rivers
Apr 59

85,082

4
Let Them Utilize All Means for a Further Increase in
State Revenues, by Sabah Hilmia, 3 pp.
ALBANIAN, sp, Text 1 Population, 21 Aug 1964, pp 2, 3.
JPRS 26337

EE-Albania
Econ,
Oct 64

257,914

Hilpert, C. and Kohlmeier, E.
ON CALCIUM FERRITE. [8 Oct 34] [8p] (figs omitted)
Order from SLA \$1.10

TT-64-14249

I. Hilpert, C.
II. Kohlmeier, E.

Trans. of [Chemische] Berichte (Germany) 1909,
v. 42, no. 8, p. 4581-4586.

DESCRIPTORS: *Calcium compounds, *Ferrites,
Phase studies, Chemical properties

A73496

(Chemistry--Inorganic, TT, v. 11, no. 7)

Office of Technical Services

Hilpert, Siegfried and Beyer, Johannes.
ON FERRO-FERRIC OXIDE AND FERRIC OXIDE.
[1961] [15]p. (2 figs. omitted) 1: refs.
Available on loan from SLA 62-10554

Trans. of a German language article from an unidentified source, n. d.

DESCRIPTORS: *Iron compounds, *Oxides, Reduction, Hydrogen, Water vapor, Gases, Chemical reactions.

The reduction of ferric oxide by mixtures of hydrogen and water vapor yielded, up to 500°, a sharp break in the reaction velocity curve, if the composition of Fe_2O_3 was reached. For this oxide, a simple method of preparation was reported. The possibility of getting preparations rich in ferrous oxide but free from metal increases with increasing temperature. (Chemistry--Physical, TT, v. 7, no. 12) (over)

62-10554

I. Hilpert, S.
II. Beyer, J.

205220

Office of Technical Services

63-16745

Hilpert, S., Wille, A., and Lindner, A.
RELATIONSHIPS BETWEEN FERROMAGNETISM
AND STRUCTURE OF FERRITES (Zusammenhänge
zwischen Ferromagnetismus und Aufbau der Ferrite).
[52]p. (foreign text included) 31 refs.
Order from SLA \$5.60 63-16745

Trans. of Z[eitschrift für] Phys[ikalische] Chem[ie],
Leipzig](Germany) 1932, v. 188, p. 291-315.

DESCRIPTORS: *Ferromagnetism, Ferromagnetic
materials, *Ferrites, Alkaline earth compounds,
Alkali metal compounds, Zinc compounds, Aluminum
compounds, Tin compounds, Lead compounds, Copper
compounds, Antimony compounds, *Manganese com-
pounds, Iron compounds, *Crystal structure.

(Physics--Solid State, TT. v. 10, no. 6)

I. Hilpert, S.
II. Wille, A.
III. Lindner, A.

3244601

Office of Technical Services

62-10554

Hilpert, Siegfried and Beyer, Johannes.
ON FERRO-FERRIC OXIDE AND FERRIC OXIDE.
[1961] [15]p. (2 figs. omitted) 14 refs.
Available on loan from SLA 62-10554

Trans. of a German language article from an unidentified source, n.d.

DESCRIPTORS: *Iron compounds, *Oxides, Reduction, Hydrogen, Water vapor, Gases, Chemical reactions.

The reduction of ferric oxide by mixtures of hydrogen and water vapor yielded, up to 500°, a sharp break in the reaction velocity curve, if the composition of Fe_3O_4 was reached. For this oxide, a simple method of preparation was reported. The possibility of getting preparations rich in ferrous oxide but free from metal increases with increasing temperature, (Chemistry--Physical, TT, v. 7, no. 12) (over)

I. Hilpert, S.
II. Beyer, J.

Office of Technical Services

On the Photochemistry of Alkali and Silver
Halide Crystals," by R. Hilsch, R. W. Pohl.

GERMAN, per, 1930.

OTIA 16598

Sci - Chem

19 Sept 62

Hilach, R., Korn, D. and Minnigerode, G. V.
ON THE MAGNETIC DETECTION OF THE SUPER-
CONDUCTIVITY OF EVAPORATED METAL FILMS.
[1963] [12p] 6refs
Order from SLA \$1. 60

63-20353

Trans. of Zeitschrift für Physik (West Germany)
1962, v. 167, p. 501-510.

DESCRIPTORS: *Thin films, *Metal films, Vapor
plating, *Lead, *Tin, Foils, *Superconductivity,
*Ferromagnetism, Transition temperature, Measure-
ment, Test equipment, Magnet coils, Cryostats.

There is described an apparatus for the detection of
superconductivity and ferromagnetism of a single
evaporated film in the temperature range from 1.8° to
300°K. The observation of the magnetic moment of
the film in a homogenous alternating magnetic field is
(Physica--Electricity, TT, v. 10, no. 11) (over)

63-20353

I. Hilach, R.
II. Korn, D.
III. Minnigerode, G. V.

Office of Technical Services

Supraconduction and Resistance of Tin With Lattice
Distortions, by W. Buckel, R. Hilsch, 18 pp.
GERMAN, per , z fuer Physik, Vol CXXXI, 1952, pp 420-442.
9691161

ACSI I-2493-B
ID 2232499

Sci - Phys
Mar 64

251,362

Supraconduction of Copper Sulfide, by W. Buckel, R. Hilsch,
16 pp.
GERMAN, per, Z fuer Physik, Vol CXVIII, 25 May 1950,
pp 324-346. 9691132

ACSI I-2493-A
ID 2232439

sci - Phys
Mar 64

231,361

Hilsch, P. and Hilsch, R.
ON THE BEHAVIOR OF SUPERCONDUCTORS IN
CONTACT WITH NORMAL CONDUCTORS. [1962] 5p.
4 refs.

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